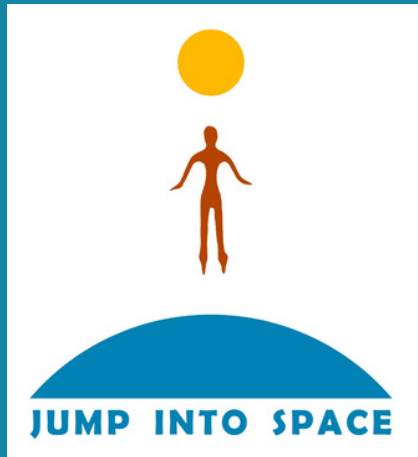


JUMP INTO SPACE NEWSLETTER

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Beyond Earth: the future of
Space Solar Energy
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Beyond Earth: The Future of Space Solar Energy

On May 15, 2025, the Italian Space Agency (ASI) hosted the hybrid workshop "Beyond Earth: The Future of Space Solar Energy" at its headquarters in Rome (Italy). Organized by JUMP INTO SPACE coordinator, Tor Vergata University of Rome, the event brought together experts from space agencies, academia, and industry to discuss the latest advances in space solar energy technologies.

The day featured 20 distinguished speakers and over 80 attendees, with more than 60 joining in person and over 20 participating remotely. The program covered a wide array of topics, from cutting-edge photovoltaics and perovskite materials to flexible solar arrays and commercial-scale space-based solar power systems.

Particularly noteworthy was the overview of the In Space Solar Energy Harvesting portfolio under the EIC Pathfinder, with WGI representatives from across Europe presenting their work and future directions.

Contributions included talks by JUMP INTO SPACE, ZEUS, ET-COMPACT, APACE and POWERSAT.

Special thanks go to Prof. Francesca Brunetti and Dr. Francesca De Rossi (Tor Vergata University of Rome, JUMP INTO SPACE) for the organization of the event, and to Dr Vincenzo Martucci from ASI for hosting it. Huge thanks also to WGI partner projects and EIC Programme Manager Dr. Stela Tkatchova for her engaging participation and continued support.





media coverage

JUMP INTO SPACE project was featured on the magazine *Platinum*, aziende & protagonisti, an attachment to the Italian newspaper *Il Sole 24 Ore* (<https://www.calameo.com/read/0033218106e703f1ab712> page 130)

publications

“Texture-Enhanced Mechanical Stability of Transparent Electrodes for Flexible Optoelectronics with Near-Infrared Response” by HZB team, led by Prof C. Becker published on *Advanced Materials Interfaces* <https://doi.org/10.1002/admi.202400922>

M8 progress meeting

To close a busy week including the HOPV conference and the workshop at ASI, our consortium met in Rome on the 16th May 2025 for the project M8 progress meeting. Hosted by the coordinator, Prof Francesca Brunetti as the PI for University of Rome, the partners got to spend time together reporting on the activities carried out so far and planning the next steps.

Portfolio activities

JUMP participated in unique webinars organized by the EIC under its WP23 In-Space Solar Energy Harvesting portfolio.

- 21 March 2025: “An Overview of Space Solar Power”, Prof John Mankins
- 25 April 2025: “Space Based Solar Power as New Hopeful Energy for Sustainable Humanosphere”, Prof. Naoki Shinohara
- 13 June 2025: “Space-based Solar Power Future Dynamics” by Simon Potter

